



# D200 Series

200kA Surge Protective Device



**DITEK's D200 Series** is designed to provide protection for AC power systems in the most demanding environments. It incorporates individually fused components for maximum performance and protection. Available in a wide range of voltage configurations, the compact D200 Series is an excellent choice for electrical panel protection.

## PRODUCT FEATURES

- 200,000 amps per phase surge current rating ensures long service life
- Compact size enables close mounting to the protected panel
- Diagnostic LEDs per phase provide positive indication of SPD function and ground status
- Audible alarm and Form C dry contacts for remote monitoring
- Available in 7 voltage configurations
- UL 1449 Listed Type 1 SPD

## APPLICATIONS

- Switchboard
- Distribution Panels
- Subpanels
- Disconnect Switches

## ACCESSORIES

- Flush mount kit P/N D200-FMK

TECHNICAL SPECIFICATIONS	
Voltage Configurations:	See chart on page 2
Surge Current Rating:	200,000A per phase 100,000A per mode
Short Circuit Current Rating (SCCR):	100,000A
Operating Frequency:	50/60Hz
Status Indication:	LEDs per phase, Audible alarm, Form C contacts
Recommended Circuit Breaker:	30A single or multi-pole



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Part Number	Voltage	Service	MCOV	I <sub>n</sub> Rating	Voltage Protection Rating (VPR)			
					L-L	L-N	L-G	N-G
<b>D200-120/2401</b>	120/240Vac	Split $\Phi$ (3w + G)	150V/300V	20kA	1000V	600V	600V	900V
<b>D200-120/2083Y</b>	120/208Vac	Three $\Phi$ Wye (4w + G)	150V/300V	20kA	1000V	600V	600V	900V
<b>D200-120/240HL</b>	120/240Vac	Three $\Phi$ Delta High Leg (4w + G)	150V/300V 320V/470V	20kA	1000V 1500V	600V 1000V	600V 1200V	900V
<b>D200-2403D</b>	240Vac	Three $\Phi$ Delta (3w + G)	320V/640V	20kA	1800V	N/A	1200V	N/A
<b>D200-277/4803Y</b>	277/480Vac	Three $\Phi$ Wye (4w + G)	320V/640V	20kA	1800V	1000V	1200V	1800V
<b>D200-4803D</b>	480Vac	Three $\Phi$ Delta (3w + G)	550V/1100V	20kA	3000V	N/A	1800V	N/A
<b>D200-6003D</b>	600Vac	Three $\Phi$ Delta (3w + G)	840V/1680V	20kA	6000V	N/A	3000V	N/A

MECHANICAL SPECIFICATIONS	
Connection Method:	$\frac{3}{4}$ " NPT non-metallic flexible conduit 30-inch 10AWG wire leads
Housing:	NEMA Type 4X polycarbonate
Operating Temperature:	-31°F – 140°F (-35°C – 60°C)
Maximum Humidity:	95% non-condensing
Dimensions:	6.29 in. L x 6.29 in. W x 2.36 in. H (160 mm x 160 mm x 60 mm)
Weight:	3.5 lbs. (1.59kg)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 1449 5 <sup>th</sup> Edition Type 1 SPD CSA C22.2 No. 269.1-17, 2017-02 Type 1 SPD
Standards Compliance:	RoHS
Warranty:	10 Year Limited Warranty

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